



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Antimicrobials Division (7510P)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg. Number:

1258-1405

Date of Issuance:

3/30/20

NOTICE OF PESTICIDE:

☒ Registration
☐ Reregistration
(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

IWC 6110-1.5

Name and Address of Registrant (include ZIP Code):

Stephanie Stephens
Arch Chemicals, Inc.
1200 Bluegrass Lakes Parkway
Alpharetta, GA 30004

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Antimicrobials Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A). You must comply with the following conditions:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data.

Signature of Approving Official:

Steven Snyderman, Acting Product Manager 33
Regulatory Management Branch 1, Antimicrobials Division (7510P)
Office of Pesticide Programs

Date:

3/30/20

2. You are required to comply with the data requirements described in the DCI identified below:

- a. 5-chloro-2-methyl-4-isothiazolin-3-one, GDCI-107103-1709
- b. 2-methyl-4-isothiazolin-3-one, GDCI-107104-1479

You must comply with all of the data requirements within the established deadlines. If you have questions about the Generic DCI listed above, you may contact the Reevaluation Team Leader (Team 36): <http://www2.epa.gov/pesticide-contacts/contacts-office-pesticide-programs-antimicrobial-division>

3. Make the following label changes before you release the product for shipment:

- Revise the EPA Registration Number to read, “EPA Reg. No. 1258-1405.”

4. Submit one copy of the final printed label for the record before you release the product for shipment.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 11/08/2019
- Alternate CSF 1 dated 11/08/2019

If you have any questions, please contact Jake McFarley by phone at (703) 347-0123, or via email at McFarley.Jake@epa.gov.

Enclosure: Master Label

IWC 6110-1.5

INDUSTRIAL MICROBIOCIDES FOR USE IN RECIRCULATING WATER COOLING TOWERS, MOLD AND MILDEW INHIBITION, NON-FOOD CONTACT PULP AND PAPER MILLS AND AIR WASHER SYSTEMS.

| | |
|--|---------------|
| Active Ingredients: | |
| 5-chloro-2-methyl-4-isothiazolin-3-one | 1.11% |
| 2-methyl-4-isothiazolin-3-one | 0.39% |
| Inert Ingredients | <u>98.50%</u> |
| Total | 100.00% |

ACCEPTED

03/30/2020

Under the Federal Insecticide, Fungicide
and Rodenticide Act as amended, for the
pesticide registered under
EPA Reg. No. 1258-1405

KEEP OUT OF REACH OF CHILDREN
DANGER (PELIGRO)

[Note to Reviewer. The signal word for this product is "DANGER". The following components of this master label, at a minimum, will appear on the front panel of all distribution labels. If the distribution label has a single panel and multiple columns, these components will appear in the center column or in an immediately adjacent column: Product Brand Name, Ingredient Statement, Signal Word, Child Hazard Warning, First Aid Statement, Company Name and Address, EPA Registration Number, EPA Establishment Number.]

FIRST AID

Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison Control Center or doctor or going for treatment.

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15 – 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 – 20 minutes.

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

(SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS).

MANUFACTURED FOR:
ARCH CHEMICALS, INC
1200 Bluegrass Lakes Parkway
Alpharetta, GA 30004

EPA Reg. No. 1258-RUNL
EPA Est. No: 35063-NJ-1

LOT

DRUM

Net Contents _____

(Country of origin: insert country)

(Manufactured in: insert country)

(Barcode)

IWC 6110-1.5
EPA Reg. No. 1258-RUNL
EPA Draft Label 03-26-2020

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER (PELIGRO). Corrosive. Causes irreversible eye damage or skin burns. May be fatal if absorbed through skin. Harmful if swallowed. Do not get in eyes, on skin, or on clothing. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. Remove contaminated clothing and wash before reuse. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Mixers, loaders and others exposed to this product must wear coveralls over long-sleeved shirt and long pants, chemical resistant gloves (such as or made of any waterproof material), socks and chemical resistant footwear, goggles or face shield, and a chemical resistant apron.

Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users must:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly.

ENVIRONMENTAL HAZARDS

This chemical is toxic to terrestrial and aquatic plants, fish and aquatic invertebrates. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

DIRECTIONS FOR USE:

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons.

IWC 6110-1.5 aids in the inhibition of non-public health bacterial, fungal and algal slimes in industrial recirculating cooling water systems, air washer systems, non-food contact pulp and paper mills.

INDUSTRIAL RECIRCULATING WATER COOLING TOWERS

To control bacteria, fungi and algae add IWC 6110-1.5 to the tower basin, distribution box or other point that insures uniform mixing. The frequency of feeding and duration of the treatment will depend upon the severity of the problem. BADLY FOULED SYSTEMS must be cleaned before treatment is begun.

INITIAL DOSE

When the system is noticeably fouled, treat with 150 to 867 ppm of IWC 6110-1.5, by adding 1.3 to 7.2 pounds or 19 to 109 fluid ounces of IWC 6110-1.5 for every 1,000 gallons of system water. Repeat as often as necessary until microbial control is achieved.

SUBSEQUENT DOSE

When microbial control is evident, treat with 33 to 233 ppm IWC 6110-1.5, by adding 0.28 to 1.9 pounds or 4.2 to 29 fluid ounces of IWC 6110-1.5 for every 1,000 gallons of system water. Repeat dosage 2 to 3 times per week, or as frequently as needed to maintain biocontrol.

AIR WASHERS SYSTEMS

Add IWC 6110-1.5 to the air washer or chill water sump to insure uniform mixing. Use only in industrial airwasher systems that maintain effective mist eliminating components. BADLY FOULED SYSTEMS must be cleaned before treatment is begun.

INITIAL DOSE

When the system is noticeably fouled, treat with 150 to 867 ppm of IWC 6110-1.5, by adding 1.3 to 7.2 pounds or 19 to 109 fluid ounces of IWC 6110-1.5 for every 1,000 gallons of system water. Repeat as often as necessary until microbial control is achieved.

SUBSEQUENT INTERMITTENT OR SLUG DOSE

When microbial control is evident, treat with 33 to 233 ppm IWC 6110-1.5, by adding 0.28 to 1.9 pounds or 4.2 to 29 fluid ounces of IWC 6110-1.5 for every 1,000 gallons of system water. Repeat dosage weekly, or as frequently as needed to maintain biocontrol.

SUBSEQUENT CONTINUOUS FEED DOSE

When microbial control is evident, treat with 33 to 233 ppm IWC 6110-1.5, by adding continuously 0.28 to 1.9 pounds or 4.2 to 29 fluid ounces of IWC 6110-1.5 for every 1,000 gallons of system makeup water.

NON-FOOD CONTACT PULP AND PAPER MILLS

Add IWC 6110-1.5 to a point in the system, such as the Beater, Hydropulper, or Fan or Broke storage pumps, that insures uniform mixing. BADLY FOULED SYSTEMS must be cleaned before treatment is begun.

DOSAGE

Add 0.44 to 1.5 pounds of IWC 6110-1.5 per ton (dry basis) of pulp or paper produced as a slug dose. Repeat as often as necessary.

ULTRA FILTRATION UNITS AND NON-MEDICAL/NONPOTABLE REVERSE OSMOSIS SYSTEMS**(Not For Use In California)**

IWC 6110-1.5 is used for the control of bacteria and fungi in ultra filtration units and non-medical/non-potable reverse osmosis systems. Use of IWC 6110-1.5 in potable water or dialysis is prohibited. Add 10 – 333 ppm of IWC 6110-1.5 into industrial ultra filtration or reverse osmosis systems by either continuous feed or periodic injection. Compatibility of IWC 6110-1.5 with reverse osmosis membranes must be confirmed with membrane manufacturers. For the control of bacteria and fungi in carbon beds, add 10 – 333 ppm of IWC 6110-1.5 by either continuous or batch feed. For periodic membrane cleaning, add 0.4 – 1.0 lb of IWC 6110-1.5 to every 120 gallon of cleaning solution. Badly fouled systems must be cleaned before treatment is begun.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Pesticide Storage:

Open dumping is prohibited. Store in original container in areas inaccessible to children.

Pesticide Disposal:

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Handling:

Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying.

(Plastic Containers:)

For plastic containers less than or equal to 5 gallons: Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

For plastic containers greater than 5 gallons: Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple Rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Recap and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

(Metal Containers:)

For metal containers less than or equal to 5 gallons: Triple Rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. DO NOT cut or weld metal containers.

For metal containers greater than 5 gallons: Triple Rinse as follows: Empty remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. DO NOT cut or weld metal containers.

General:

Consult Federal, State or local disposal authorities for approved alternative procedures.